4-4, 14 -

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Ala Gly Ile Asp Gln Ile Lys Ala Asn Leu Glu Asp Ala Gly Ile Asp 85 90 95

Ala Leu Ile Pro Ile Gly Gly Glu Gly Thr Leu Lys Gly Ala Lys Trp \$100\$

Leu Ser Asp Asn Gly Ile Pro Val Val Gly Val Pro Lys Thr Ile Asp 115 120 125

Asn Asp Val Asn Gly Thr Asp Phe Thr Phe Gly Phe Asp Thr Ala Val $_{130}$ $_{140}$

Ala Val Ala Thr Asp Ala Val Asp Arg Leu His Thr Thr Ala Glu Ser 145 $$ 150 $$ 155 $$ 160

His Asn Arg Val Met Ile Val Glu Val Met Gly Arg His Val Gly Trp
165 170 175

Ile Ala Leu His Ala Gly Met Ala Gly Gly Ala His Tyr Thr Val Ile 180 $$180\,$

Pro Glu Val Pro Phe Asp Ile Ala Glu Ile Cys Lys Ala Met Glu Arg 195 200 205

Arg Phe Gln Met Gly Glu Lys Tyr Gly Ile Ile Val Val Ala Glu Gly 210 215 220

Ala Leu Pro Arg Glu Gly Thr Met Glu Leu Arg Glu Gly His Ile Asp 225 230 235 240

Gln Phe Gly His Lys Thr Phe Thr Gly Ile Gly Gln Gln Ile Ala Asp \$245\$

His Ile Gln Arg Gly Gly Thr Pro Thr Ala Phe Asp Arg Val Leu Ala 275 280 285

Thr Arg Tyr Gly Val Arg Ala Ala Arg Ala Cys His Glu Gly Ser Phe $290 \hspace{1.5cm} 295 \hspace{1.5cm} 300 \hspace{1.5cm}$

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aactatccaa acattgcctg

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Asp Lys Val Val Ala Leu Lys Gly Glu Ser Ile Glu Met Ile Thr Phe Glu Glu Ala Val Gly Thr Leu Lys Glu Val Pro Phe Glu Arg Trp Val 325 330 Thr Ala Gln Ala Met Phe Gly 340 <210> 3 <211> 20 <212> DNA <213> PCR primer <400> 3 aactgcagct ctggcgatta 20 <210> 4 <211> 20 <212> DNA <213> PCR primer